

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

JOHNSON et al.

Serial No.: 10/634,103

Filed: August 1, 2003

Atty. File No.: 1604-459

For: "METHOD AND APPARATUS FOR  
PROVIDING A GAS CORRELATION  
FILTER FOR REMOTE SENSING  
OF ATMOSPHERIC TRACE GASES"

) Group Art Unit: 2873

) Confirmation No. 5859

) Examiner: Thomas, Brandi N.

AMENDMENT AND RESPONSE

## CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted to  
the U.S. Patent and Trademark Office (Fax No. 703/572-9308)  
on 3/14/05

SHERIDAN ROSS P.C.

KATHLEEN McINNISH

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicants submit this Amendment and Response to address the Office Action having a mailing date of December 14, 2004. Authorization to charge Deposit Account No. 19-1970 in the amount of \$400 as the fee for the addition of two independent claims in excess of those previously paid for is hereby given. Please charge any underpayment or credit any overpayment to Deposit Account No. 19-1970.

Reconsideration and withdrawal of the objections to and rejections of the claims are respectfully requested.

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03/21/2005 TOKO1 00000004 191970 10634103  
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**PATENT APPLICATION FEE DETERMINATION RECORD**  
Effective October 1, 2004

10/634 103

**CLAIMS AS FILED - PART I**

	(Column 1)	(Column 2)
TOTAL CLAIMS		
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	minus 20 =	*
INDEPENDENT CLAIMS	minus 3 =	*
MULTIPLE DEPENDENT CLAIM PRESENT <input type="checkbox"/>		

\* If the difference in column 1 is less than zero, enter "0" in column 2

SMALL ENTITY TYPE <input type="checkbox"/>		OR	OTHER THAN SMALL ENTITY	
RATE	FEE		RATE	FEE
BASIC FEE	395.00	OR	BASIC FEE	790.00
x 25		OR	x 50	
x 100		OR	x 200	
+180		OR	+360	
TOTAL		OR	TOTAL	

**CLAIMS AS AMENDED - PART II**

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	3/14/05		
Total	44	Minus	44
Independent	9	Minus	4
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

1, 2, 16, 19, 24, 29, 32, 33 43

SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
x 25		OR	x 50	
x 100		OR	x 200	1,000
+180		OR	+360	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT B	CLAIMS REMAINING AFTER	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total		Minus	
Independent		Minus	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
x 25		OR	x 50	
x 100		OR	x 200	
+180		OR	+360	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total		Minus	
Independent		Minus	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
x 25		OR	x 50	
x 100		OR	x 200	
+180		OR	+360	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

- \* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
  - \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
  - \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
- The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

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